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### 1 Practical multi-candidate election system

 Olivier Baudron, Pierre-Alain Fouque, David Pointcheval, Jacques Stern, Gu  
 August 2001 **PODC '01**: Proceedings of the twentieth annual ACM symposium  
 of distributed computing

**Publisher:** ACM [Request Permissions](#)
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**Bibliometrics:** Downloads (6 Weeks): 11, Downloads (12 Months): 53, Citation

The aim of electronic voting schemes is to provide a set of protocols the  
 cast ballots while a group of authorities collect the votes and output the  
 paper we describe a practical multi-candidate election scheme that ...

### 2 Security requirements for internet voting

Rüdiger Grimm

 October 2001 **MM&Sec '01**: Proceedings of the 2001 workshop on Multimedia  
 new challenges

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In this paper, I describe the security problem of Internet voting system:  
 general security gap of the Internet is described. Second, a possible vot  
 based on blind signatures is sketched. Third, specific security problems

**Keywords:** authorization and anonymity, blind signature, internet votin  
 requirements

### 3 Tangier: a censorship-resistant publishing system based on document entanglements

Marc Waldman, David Mazieres

 November 2001 **CCS '01**: Proceedings of the 8th ACM conference on Computer  
 Communications Security

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We describe the design of a censorship-resistant system that employs a document storage mechanism. Newly published documents are dependent of previously published documents. We call this dependency an *entanglement* ...

#### 4 [Putting it together: Financial cryptography, the Internet, and the geoc](#)

 Robert Hettinga


November 1997 **netWorker**, Volume 1 Issue 3

**Publisher:** ACM  [Request Permissions](#)

Full text available:  Pdf (842.35 KB) [Additional Information: full citation, index terms](#)


**Bibliometrics:** Downloads (6 Weeks): 2, Downloads (12 Months): 17, Citation

#### 5 [Unlinkable serial transactions: protocols and applications](#)

 Stuart G. Stubblebine, Paul F. Syverson, David M. Goldschlag

November 1999 **Transactions on Information and System Security (TISSEC)** Issue 4

**Publisher:** ACM  [Request Permissions](#)


Full text available:  Pdf (184.87 KB) [Additional Information: full citation, abstract, reference terms, review](#)

**Bibliometrics:** Downloads (6 Weeks): 15, Downloads (12 Months): 81, Citation

We present a protocol for unlinkable serial transactions suitable for a value-based subscription services. It is the first protocol to use cryptographic subscription services. The protocol prevents the service from tracking ..


**Keywords:** anonymity, blinding, cryptographic protocols, unlinkable serial

#### 6 [Signature schemes based on the strong RSA assumption](#)

 Ronald Cramer, Victor Shoup

August 2000 **Transactions on Information and System Security (TISSEC)** Issue 3

**Publisher:** ACM  [Request Permissions](#)

Full text available:  Pdf (168.52 KB) [Additional Information: full citation, abstract, reference terms, review](#)

**Bibliometrics:** Downloads (6 Weeks): 16, Downloads (12 Months): 122, Citation

We describe and analyze a new digital signature scheme. The new scheme is efficient, does not require the signer to maintain any state, and can be proven secure against adaptive chosen message attack under a reasonable intractability assumption.

**Keywords:** RSA, digital signatures, provable security

#### 7 [Trustee-based tracing extensions to anonymous cash and the making change](#)

Ernie Brickell, Peter Gemmell, David Kravitz

January 1995 **SODA '95: Proceedings of the sixth annual ACM-SIAM symposium on algorithms**

**Publisher:** Society for Industrial and Applied Mathematics

Full text available:  Pdf (1.11 MB) [Additional Information: full citation, references, citation](#)

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# 8 [New blind signatures equivalent to factorization \(extended abstract\)](#)



David Pointcheval, Jacques Stern

April 1997 **CCS '97**: Proceedings of the 4th ACM conference on Computer and communications security

**Publisher:** ACM [Request Permissions](#)

Full text available: [Pdf \(776.77 KB\)](#) **Additional Information:** [full citation](#), [references](#), [cite](#)

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# 9 [Strong loss tolerance of electronic coin systems](#)



Birgit Pfitzmann, Michael Waidner

May 1997 **Transactions on Computer Systems (TOCS)**, Volume 15 Issue 2

**Publisher:** ACM [Request Permissions](#)

Full text available: [Pdf \(267.29 KB\)](#) **Additional Information:** [full citation](#), [abstract](#), [reference terms](#), [review](#)

**Bibliometrics:** Downloads (6 Weeks): 17, Downloads (12 Months): 78, Citation

Untraceable electronic cash means prepaid digital payment systems, us payments, that protect user privacy. Such systems have recently been given considerable attention by both theory and development projects. However current ...

**Keywords:** Byzantine faults, electronic cash, payment systems, privacy

# 10 [Meta-ElGamal signature schemes](#)



Patrick Horster, Holger Petersen, Markus Michels

November 1994 **CCS '94**: Proceedings of the 2nd ACM Conference on Computer communications security

**Publisher:** ACM [Request Permissions](#)

Full text available: [Pdf \(1.16 MB\)](#) **Additional Information:** [full citation](#), [abstract](#), [reference terms](#)

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There have been many approaches in the past to generalize the ElGamal scheme. In this paper we integrate all these approaches in a Meta-ElGamal scheme. We also investigate some new types of variations, that haven't considered ...

# 11 [An efficient fair payment system](#)



Jan Camenisch, Jean-Marc Piveteau, Markus Stadler

January 1996 **CCS '96**: Proceedings of the 3rd ACM conference on Computer communications security



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